

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
NOVEMBER 19, 2015**

Chairman Ron Merancy called the Regular Meeting to order at 6:00 PM with the following in attendance:

MEMBERS:

Ron Merancy, Chairman
Rimas Balsys, Vice Chairman
Catherine Aresta, Secretary
Pat Mallane
Jeff Hanson

OTHERS:

Jim Stewart, Public Works Director
Debbie Lichwalla, WPCA Secretary
John Batorski, Veolia Water

VISITORS:

Neil Kulikauskas, Kleinfelder
Attorney Kevin McSherry

1. Ron Merancy opened the meeting with the Pledge of Allegiance.

2. No Executive Session.

3. Old Business.

A. Commission Discussion Regarding the Facilities Plan Update.

Jim Stewart commented that Marc Morin of Kleinfelder reported the following updates for 11/19/15.

Facilities Plan Update - November 19, 2015:

- Kleinfelder continues development of equipment and facilities lists to be used for the upcoming condition assessment at the WWTP.
- Kleinfelder is coordinating and negotiating subcontracts with subconsultants for the upcoming condition assessment
- Wastewater influent sampling is complete and Kleinfelder is evaluating the data. Once the data has been evaluated, Kleinfelder will advance the process modeling of alternative Phosphorus Removal Options.
- Kleinfelder has reviewed and commented on a proposal from Veolia for a proposed phosphorus removal plan and evaluation. We a tentative meeting/call with the Borough staff is scheduled for Monday, 11/23
- Kleinfelder continues the process of soliciting vendor proposals for chemical phosphorus removal technologies and equipment. Proposals will include technical as well as budgetary information.

SSES Update:

- Building inspection field work is complete. Initial numbers are 98 interior and 24 exterior only inspections.
- Kleinfelder anticipates receipt of sub-consultant report on Building inspections in early December.
- Smoke testing is currently scheduled to begin the week of November 23. Kleinfelder has coordinated efforts with the Borough, Veolia, Police and Fire Departments.

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- It is anticipated that notices and flyers will be distributed beginning Monday, 11/23
- Infiltration Investigations will occur in the Spring during anticipated wet weather conditions

Incinerator Update:

- Kleinfelder and TRC have met to discuss scope for the upcoming incinerator work. We are currently negotiating scope, terms and conditions for the contract amendment.

B. Commission Discussion Update Regarding the North Main Siphon Repair.

Jim Stewart reported that there is a signed contract with True Blue. Jim commented that him and Neil Kulikauskas of Kleinfelder met at the site and talked about the project. They noticed the wall on the southerly side had fallen into the river and said that True Blue went up and poured concrete under the siphon in the stream in front of the siphon to stop the erosion and put sand bags in the wall area on the northerly side and put flowable fill in order to sustain it until spring when they can start working under permit. They also put concrete on the southerly side to stabilize the earth so the wall doesn't collapse.

C. Commission Discussion Regarding Revised Plans for A Better Way Wholesale, Property Located on Lots 18 & 30 Raytkwich Road.

The commission voted:

VOTED: Unanimously on a motion by Catherine Aresta and seconded by Pat Mallane to **ACCEPT and APPROVE** the Revised Site Plan Profile and Detail as Submitted for the Project on Lots 18 and 30 Raytkwich Road and Subject to Complying with the following conditions.

Application Approved with the following conditions:

1. The wall is designed appropriately for the maintenance of the sanitary sewer system.
2. Locking manhole covers in non-paved areas shall be installed.

VOTE: In Favor: 5 Opposed: 0 Abstained: 0

Motion Carried: 5-0-0

4. New Business.

A. Commission Discussion Regarding a 10,000 Sq.Ft. Commercial Addition for Property Located at 15 Raytkwich Road.

The commission voted:

VOTED: Unanimously on a motion by Jeff Hanson and seconded by Pat Mallane to **APPROVE** Plans as Submitted for the 10,200 Sq. Ft. Commercial Addition for Property Located at 15 Raytkwich Road Subject to the Sewer Connection Fee being paid before construction.

VOTE: In Favor: 5 Opposed: 0 Abstained: 0
Motion Carried: 5-0-0

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B. Motion to Authorize John Batorski, Veolia Plant Manager to Sign Sewer Bypass Forms, CT DEEP and EPA Reports as the Signatory Authority.

The commission voted:

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **AUTHORIZE** John Batorski, Veolia Plant Manager to Sign Sewer Bypass Forms, CT DEEP and EPA Reports as the Signatory Authority.

VOTE: In Favor: 5 Opposed: 0 Abstained: 0
Motion Carried: 5-0-0

5. Correspondence Received and Reviewed. No Additional Discussion, Questions or Comments from the Commission.

- A. Correspondence Received from Chemtura Dated September 21, 2015 regarding the Discharge Monitoring Report for August 2015 for Permit SP0000065.
- B. Correspondence Received from Chemtura Dated September 9, 2015 regarding the exceedance of Permit Standard for Bis (2-Ethylhexy) Phthalate Permit SP0000065, Chemtura Corporation, Naugatuck, CT
- C. Correspondence Received from Chemtura Dated October 20, 2015 regarding the Discharge Monitoring Report for September 2015 for Permit SP0000065.
- D. Correspondence From ARI Dated October 20, 2015 Regarding Monthly Meeting to Discuss Naugatuck Issues.
- E. Correspondence Received From CT DEEP Regarding Modified Consent Order No. Mod1.
- F. Correspondence Received From Veolia to James Stewart Regarding DEEP Consent Order.
- G. Correspondence Received From James Stewart to Mr. Robert Girard, Assistant Director Bureau of Air Management Engineering and Enforcement Division– CT DEEP Dated November 9, 2015 Regarding Draft Modified Consent Order 2048.
- H. Correspondence Received From DEEP Regarding General Permit for the Discharge of Wastewater Associated with Food Services Establishments.
- I. Correspondence Received From DEEP Regarding a Fact Sheet on the General Permit for the Discharge of Wastewater Associated with Food Service Establishments.
- J. Correspondence Received From Kleinfelder Dated November 9, 2015 Regarding Preliminary Plan for Phosphorus Removal.
- K. Correspondence Received From Veolia Dated October 23, 2015 Regarding Veolia Naugatuck Service Contract for Wastewater Treatment System Capital Improvements and Asset Management Request for Preliminary Plan for the SSI Upgrades.
- L. Correspondence Received From ARI Dated November 10, 2015 Regarding ARI Review of VWNA Proposal for Biological and Chemical Phosphorus Removal.
- M. Correspondence Received From DEEP Regarding Streamlining Sewer Bypass Reporting in Connecticut.
- N. Email Correspondence Received from Marc Morin, Kleinfelder Dated October 15, 2015 Regarding Naugatuck Wastewater Update; **10-15-15.**

Facilities Plan Update - October 15, 2015:

- Kleinfelder coordinated and conducted an on-site update meeting with the Borough and Veolia on October 8, 2015. An update was given relative to the status of the facilities plan including Arsenic, E. Coli, Phosphorus, Nitrogen, and Facilities Assessment.
- Kleinfelder is developing equipment and facilities lists to be used for the upcoming condition assessment at the WWTP.

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- Rental equipment for wastewater influent characterization arrived on site on Wednesday, 10/14. Kleinfelder will set up equipment and will review sampling plan with Veolia staff. Sampling is scheduled to begin the week of 10/19.
- Kleinfelder has developed a Biowin model for the WWTP and will use it to develop biological alternatives for phosphorus limit compliance. It is currently anticipated that a combination of Biological phosphorus removal as well as tertiary processes will likely be needed to address the permit limits.
- Kleinfelder has developed preliminary hydraulic calculations needed to evaluate potential phosphorus removal technologies and equipment.
- Kleinfelder is in the process of soliciting vendor proposals for chemical phosphorus removal technologies and equipment. Proposals will include technical as well as budgetary information.

SSES Update:

- Kleinfelder met with Veolia and did a site visit to discuss the system and problem locations
- Building inspections are tentatively scheduled for the end of Oct-beg of Nov
- Smoke testing should be a similar timeframe as Building Inspections. Dyed-water flooding to follow smoke testing.
- Infiltration Investigations will occur in the Spring during anticipated wet weather conditions

Incinerator Update:

- Kleinfelder and its subconsultant TRC reviewed the recently received draft consent order relative to the existing Incinerator

6. Review / Acceptance of Regular Meeting Minutes for October 15, 2015.

The commission voted:

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **APPROVE** the Regular Meeting Minutes for October 15, 2015.

VOTE: **In Favor: 5** **Opposed: 0** **Abstained: 0**
Motion Carried: 5-0-0

7. Adjournment.

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ADJOURN** the meeting at 7:01P.M.

8. Attached is the October 2015 WWTF Monthly Operations Summary Report.

Attest: Catherine Aresta, Secretary/dl

**Borough of Naugatuck
Monthly WPCF Report Oct 2015**

This report summarizes the activities at the Borough POTW for Oct 2015:

1. Highlights and Significant Issues: Please refer to the report.

2. Collection System Update:

Please see attached Collections Report.

3. Plant Performance Summary:

Please see the attached reports and graphs for additional performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	269
Effluent Avg.	30	5
Removal Efficiency	85%	98%
Plant Process Data*	Limit	Actual
Carbonaceous BOD (mg/l)		
Influent Avg.	-	198
Eff Avg (Nov 1 - May 31)	25	
Eff Avg (June - Oct 31)	15	4
Removal Efficiency	85%	98%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
Oct Flow Avg. (MGD)	3.2	0.358	0.042	N/A
Sludge Liquid Total (MGal)				5566.8
Sludge Cake Total (Wet Tons)				4128.0
Septage Total (MGal)	64,255	38,000	267,700	747,700
Discharge Permit Exceedance:	None			

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	0	7
Unconfirmed Odor Complaints	1	1

1. Compliance & Regulatory Issues

- a. Jim Stewart requested a quote for Bio P and chemical P removal. The proposal was sent to him in late Oct.

2. Odor Complaints

- a. There were no odor complaints in October.

3. Personnel

- a. CBA contractual increases effective 11/1/15 have been processed.

4. Health & Safety

- a. The safety meeting was held on October 12 and 13. Fall protection was the topic.

5. Operational Information

- a. The Piller blowers were experiencing fault codes (differential pressure sensors). A tech was onsite Oct 26 to resolve the issue.
- b. The emergency thermal fluid dump valves were tested on Oct 19, 2015 under a variety of scenarios (normal operations, failed network/SCADA switches, and emergency power. The system is fully operational under all scenarios.

- c. A shutdown of the cake receiving equipment was scheduled for Oct 24 through Nov 1. The job was completed Oct 29 by 2 PM ahead of schedule and cake deliveries resumed. Liquid sludge processing continued during the cake conveying system repairs.

- d. An emulsion polymer trial for the centrifuges has started.

- e. The rake mechanism in the #2 sludge storage tank was repaired, the 36 inch foul airline in storage tank #1 was repaired and grit/raggs were removed from both tanks.

6. Collections

- a. The emergency generator for the Maple and May pump station failed and was economically repaired. The generator is back in service.

7. Maintenance

- a. The TDU thermal fluid pump which operates at 485 F was replaced with a spare.
- b. The following conveyors were changed: CCC1, CCC2, HFC1, HFC2, the 53 Ft conveyor, and 2 cake silo live bottom conveyors.
- c. The main potable water backflow preventer was replaced on Sunday, Oct 25, 2015.
- d. The internal recycle pump failed for aeration tank #3 and was replaced.
- e. IC-1 horizontal conveyor (transfers sludge cake to the silo) failed and was repaired.
- f. The 400 HP VFD for the ID fan failed. Parts have been ordered for that drive.

8. Capital Projects

- a. No report.